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<b>(51) International Patent Classification <sup>7</sup> :</b> <b>C07K 1/14, 19/00, C12N 15/62, 1/15 //</b> <b>C12R 1:885</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/58342</b> <b>(43) International Publication Date:</b> 5 October 2000 (05.10.00)
<b>(21) International Application Number:</b> PCT/FI00/00249 <b>(22) International Filing Date:</b> 24 March 2000 (24.03.00)  <b>(30) Priority Data:</b> 990667 25 March 1999 (25.03.99) FI 19991782 20 August 1999 (20.08.99) FI  <b>(71) Applicant (for all designated States except US):</b> VALTION TEKNILLINEN TUTKIMUSKESKUS [FI/FI]; Vuorim- iehentie 5, FIN-02150 Espoo (FI).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> PENTTILÄ, Merja [FI/FI]; Vattuniemenkatu 2 A 22, FIN-00210 Helsinki (FI). NAKARI-SETÄLÄ, Tiina [FI/FI]; Magnus Enckellin kuja 2-4 D 7, FIN-02610 Espoo (FI). FAGERSTRÖM, Richard [FI/FI]; Kielotie 18 A, FIN-02260 Espoo (FI). SELBER, Klaus [DE/DE]; Pontstrasse 153, D-52062 Aachen (DE). KULA, Maria-Regina [DE/DE]; Selgenbusch 12, D-52382 Niederzier (DE). LINDER, Markus [FI/FI]; Pohjoiskaari 40 as. 4, FIN-00200 Helsinki (FI). TJERNELD, Folke [SE/SE]; Stenshuvudsgatan 29, S-216 17 Limhamn (SE).  <b>(74) Agent:</b> OY JALO ANT-WUORINEN AB; Iso Roobertinkatu 4-6 A, FIN-00120 Helsinki (FI).		<b>(81) Designated States:</b> AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> PROCESS FOR PARTITIONING OF PROTEINS		
<b>(57) Abstract</b>  The present invention relates to isolation and purification of proteins in aqueous two-phase systems (ATPS). Specifically the invention provides processes for partitioning of proteins of interest in ATPS by fusing said proteins to targeting proteins which have the ability of carrying said protein into one of the phases.		